

The Carbon Chronicle

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ACME, ALBERTA, THURSDAY SEPTEMBER 22nd, 1955

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Mr. and Mrs. Buckerfield of Vancouver are visitors at the home of their daughter and son-in-law, Mr. and Mrs. Jack Barnes.

Mr. and Mrs. C. H. Nash were Stettler visitors over the weekend.

Gil Sanderson, who is employed by W. Downes, met with an accident while threshing on Saturday and suffered a dislocated shoulder.

Mrs. Frank E. Harris of Victoria, B.C. is visiting at the home of her daughter and son-in-law, Mr. and Mrs. John F. Woods.

Owing to bad weather and roads our news is short.

THE LIQUOR CONTROL ACT APPLICATION FOR HOTEL BEER LICENSE

Public notice is hereby given that the undersigned intends to apply to The Alberta Liquor Control Board for a License to sell Beer by the glass or open bottle, for consumption on the licensed portion of the premises, and also to sell Beer by the unopened bottle for consumption elsewhere than on the licensed premises, in conformity with the provisions of The Liquor Control Act and the regulations made thereunder, with respect to the following described premises:

Beer Salesroom in the south-east corner of the ground floor of the Carbon Hotel, situated on Lots 29 to 33, inclusive, in Block 4, Plan No. 4387-P, Carbon, Alberta.

Dated at Carbon, Alberta, this 22nd day of September, 1955. Kneehill Valley Hotel Co. Ltd.

Micheal Banceck, President, Wm. Kozak, Secretary, Applicant.

Any person wishing to protest against the issuance of a Beer License to the applicant should notify the Alberta Liquor Control Board, Edmonton, Alberta, in writing, within thirty days of the date shown at the foot of this advertisement.

For
GRAIN INSURANCE
and
FARM MORTGAGE LOANS
S. F. TORRANCE
PHONE No. 9 CARBON

THE CARBON CHRONICLE

Mrs. Harry Hunt, Editor
George Wheeler, Publisher
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at Acme, Alberta

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at Ottawa

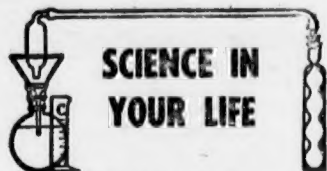
MEMBER OF THE C.W.N.A.
Subscription—\$1.50 yr. Canada
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Mr. and Mrs. R. D. Barnes of Calgary were weekend visitors at the home of Mr. and Mrs. A. Barnes.

The Civil Defence evacuation "Operation Lifesaver" had to be postponed owing to the wintry weather Wednesday and will be held next Wednesday, Sept. 28th.

CHRIST CHURCH, CARBON
Sunday, October 2nd
Harvest Festival at 11:30 a.m.

Wednesday's storm brings to mind the Indian who predicted a winter with plenty of snow. When asked why, he replied: "Plenty snow because white man put up plenty snow fences."



Arthritis Target

Women appear to be prime targets for the great crippler, arthritis. Statistics show that for every man, three women fall prey to this disease.

Rheumatoid arthritis is the malady's formal name. Along with allied conditions, in one way or another, the disease has afflicted more than 10 million people in the U.S. and completely crippled some 200,000 others.

The secretary, housewife and young mother are most susceptible. Arthritis is insidious. Its symptoms at first are usually mild. Gradually they worsen, until one day you wake with an arm or leg that is completely useless.

What causes arthritis? Scientists have not yet found an answer. Nor have they yet found a complete cure.

They do have available a number of chemicals to control the symptoms of rheumatoid arthritis in many patients. These drugs, administered by the physician, can lift the hopelessly crippled arthritic victim out of the wheelchair and back into normal life.

Among the medicines which have proven effective in some patients are aspirin, gold compounds, and the much-heralded hormones, cortisone and hydrocortisone.

However, these drugs are not fully effective and the hormones, in particular, sometimes create unpleasant side effects in some patients and thus force their abandonment.

Recently, a new synthetic hormone called Deltacortril has been placed in the hands of physicians. Deltacortril appears to be far more potent than cortisone or hydrocortisone and offers promise of reducing the side effects noted with the other hormones.

With advancing research and rehabilitation, many arthritic patients will be given a new lease on life.

Tips on Touring

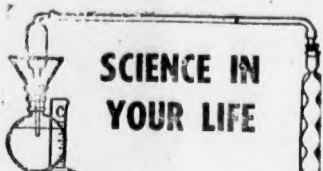
By Carol Lane

Women's Travel Authority



September is the season of the two "S's"—school and safety—as well as the time of the more conventional three "R's". Millions of children throng the nation's streets this month in their annual trek back to school!

The alarming records of school accidents can be decreased this



SCIENCE IN YOUR LIFE

Atoms For Medicine

Scientists have long been troubled by the question "How do antibiotics work?" With the aid of the first privately owned atomic reactor to be built for industrial and medical research, they may soon get some answers.

Scientists have long since demonstrated that antibiotics are potent destroyers of disease-causing bacteria. They now are searching for clues as to exactly how an antibiotic acts once it enters the human body.

By incorporating in the antibiotic radioactive substances to be generated by the new reactor, they will be able to track the course of the drug in the body. These radioactive elements have been in extremely short supply, thus limiting research in this field. The new reactor will eliminate this problem.

To be constructed near New York City, the reactor will be completed within a year. Isotopes generated by it will be used for medical research by Chas. Pfizer & Co., Inc., one of the eight companies supporting the project.

According to Pfizer's president, Dr. John E. McKee, the reactor project will make possible the study of atomic radiation as a method of sterilizing drugs and preserving foods.

The reactor, he said, will also enable Pfizer to investigate use of radio-isotopes in such fields as agriculture and fermentation chemistry, and will expand the radioactive research program begun several years ago at the company's Therapeutic Institute, Maywood, N. J.

The reactor will be built by U. S. Atomic, Inc., a subsidiary of American Machine and Foundry Co. Also taking part in the project are the American Tobacco Co., Continental Glass Co., Corning Glass Works, International Nickel Co., Socony-Mobil Oil Co. and U. S. Rubber Co.

school year if parents, motorists, school authorities and children themselves all work together. Motorists can carry their share of the burden of safety for the nation's children by being particularly alert especially in school areas, and by obeying all traffic regulations. Most schools, well-aware of traffic problems, include safe-pedestrian instruction in the curriculum.

But the majority of responsibility for seeing that children reach school safely fall to parents.

Set a good example for children to follow by obeying traffic regulations and exercising courtesy and consideration in your own driving.

Rev. J. G. Roberts, who went into Calgary Tuesday as a local observer for the evacuation on Wednesday, took 13 hours to get home from Calgary on Wed.

All arrangements for "Operation Lifesaver" will be carried out on Sept. 28 as for last Wed.

BOY SCOUT ACTIVITIES



The Boy Scouts have been fairly quiet owing to the fact that harvest has interfered with the Scoutmaster's time. However, they are all set to take an active part in "Operation Lifesaver" and if there is no further they will put up a good show as messengers and first aid assistants. We hope there will be no trouble at Carbon corners where we are taking the risk of sending out our two biggest and probably clumsiest Scouts to carry stretchers if necessary. We will try to encourage the Cubs to give us their notes in the future.

A meeting of the British and Foreign Bible Society with new films and Rev. Andrew S. Wood as speaker is being arranged for November 3rd. Note the date on your calendar and watch for further announcements.

PUBLIC NOTICE

REGARDING

ROAD RESTRICTIONS

for Civil Defence

EXERCISE "LIFESAVER"

WED., SEPT. 28

At the request of the Federal Civil Defence authorities, a test evacuation of the population of "B" Sub-Division, City of Calgary comprising an aggregate of 40,009 persons is planned for 21st September, 1955, by the civil defence forces of:

- the City of Calgary
- the 20-odd municipalities within the CENTRAL MUTUAL AID AREA into which the evacuation will take place.

The aim of Exercise "LIFESAVER" is to evacuate the people from the above area and to disperse them up to 100 miles into the NORTH-EAST sector of the Central Mutual TAid Area, and to return them to Calgary insofar as possible within daylight hours on the same day.

Arrangements have been made with the Department of Highways to place a formal restriction on necessary highways within this area. This restriction will be in effect between the hours of approximately 12:00 noon and 6:00 p.m. on September 21, 1955.

THE FOLLOWING HIGHWAYS WILL BE RESTRICTED

- Between Red Deer and Calgary on Highway No. 2.
- Between Trochu and Calgary on Highways No. 21, No. 9 and No. 1 (new).
- Between Drumheller and Calgary on Highways No. 9 and No. 1 (new).
- Between Gleichen and Calgary on Highways No. 1 (new and old).
- Between Carbon and Highway No. 9 on Highway No. 26

Priority traffic will be permitted at the discretion of the R.C.M.P.

ALBERTA

CIVIL DEFENCE

HEADQUARTERS

EDMONTON — ALBERTA



Barry Morse and Katharine Blake will have the principal roles in the CBC Television production of William Shakespeare's tragedy, MacBeth, this month. Miss Blake has appeared in numerous radio and television productions, including Hamlet, in which she played the queen. Mr. Morse has done more than 600 characterizations on stage, radio and television work since coming to Canada from England four years ago.

Alberta irrigated farms have small portion irrigable land

(By W. L. JACOBSON)

Most irrigated farms in Alberta contain less than a quarter-section of irrigable land, and irrigation farmers here must, of necessity, take every possible advantage offered by irrigation in order to increase yields to the maximum and secure the highest possible return per man unit.

It is for this reason that the irrigation farmer needs a well-developed green thumb, to use the language of the gardener, and the green in this instance is essentially a thorough understanding of the balance of the several factors in soil, plant, and water relationships that determine growth and ultimate yield as well as quality of crops.

Moisture may be regarded as the central factor in plant growth, but moisture alone is not enough since soil fertility usually becomes the limiting factor as adequate moisture is supplied through irrigation. The fact is that ultimate success in irrigation can be achieved only where all factors of plant growth are brought into balance, and soil fertility requires special emphasis in irrigation farming.

The two essential elements that are normally deficient in the irrigation soils of this region are phosphorus and nitrogen. As a result, ammonium phosphate and various nitrogen fertilizers are being used on many irrigation farms, and the use of these chemical fertilizers is likely to increase as irrigation farmers gain in experience and their farming methods become more intensive.

However, chemical fertilizers alone have not given maximum yields even under optimum moisture conditions. Studies here indicate that the so-called soil improvement crops fill an important role in maintaining high levels of productivity under irrigation, not only in terms of total yields but also in quality of crops.

Results of five years of irrigation studies at Taber show that yields were nearly doubled in rotations where crops consisted of 50 percent legumes, while quality was maintained or greatly improved.

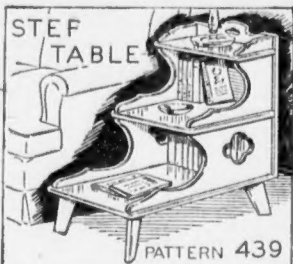
The tendency of the dryland farmer, turned irrigator, is to persist in growing grain and in the use of summerfallow. However, summerfallowing cannot be regarded as a substitute for soil improvement crops in maintaining yields and quality under irrigation.

With intertilled crops, pastures,

and chemical weed control available, summerfallow should no longer be necessary to control weeds under irrigation. The 100,000 acres or more of irrigated land now summerfallowed each year in this region are neither agriculturally nor economically sound.

More and more of this acreage needs to be converted to legumes and other soil improvement crops in order to secure the necessary balance of factors controlling crop production under irrigation. It is only in this way that irrigation farmers operating on the smaller units can hope to increase production to the point required for a satisfactory standard of living.

Home Workshop



The piece sketched above was created for use in a small living room where there was a great deal of everyday living. The family's needs required space for a few books as well as those little things of daily useage. The best wood that could be afforded was 3/4-inch plywood. This job was strictly utility. Yet the design could be in the heirloom class if made carefully from solid stock in one of the fine grained cabinet quality woods. The curves and all irregular shapes are traced from the pattern to the wood ready for sawing. Copy of pattern 439 will be mailed for 35 cents.

Where there are children to be gotten off to school, shoes need shining and hampers bulge with



rocks and things to be tubbed. This kit is the handiest you ever saw. It has foot rest that serves as a handle. Compartments for cans, bottles and brushes. The hamper fits under a window and we made the bottom only ten by 24-inches for convenience in homes where floor space is scarce. These pieces make excellent class projects for the youth taking shop when school opens. Pattern 280 is 35c per copy, or it will be included in the Small Household Furniture packet of five standard size patterns for only \$1.50 post-paid.

Address order to:
Home Workshop Pattern Service,
Department P.F.L.,
4433 West Fifth Avenue,
Vancouver, B.C.

It is estimated that 28 percent of all accidents happen to the leg and foot. 3158



LIVING SYMBOL—Young monk, lower centre, bears striking resemblance to the Buddha whose faith he professes, as he peers from a setback on the tiered roof of the largest pagoda in Bangkok, Thailand. Two fellow monks, above him, bask in the sun during a break in their meditations.

First memorial to Lord Selkirk

WINNIPEG.—The first marked memorial to Lord Selkirk, the energetic Scotsman who brought the first white settlers to the Red river valley in 1812, is to be built in downtown Winnipeg.

The federal historic sites and monument board has commissioned Professor Roy Sellors, University of Manitoba architect, to design a monument to Manitoba's founder. Construction will start within two weeks and the unveiling ceremony will be held Sept. 27.

The memorial will consist of a stone wall 25 feet long and about three feet high. It will be mounted with a 30-foot flagpole and contain a bronze marker.

A statue of Lord Selkirk stands on the east side of the legislative building but the figure is not identified.

Lord Selkirk—Thomas Douglas—brought Scottish settlers to the Red river valley after obtaining from the Hudson's Bay Company 116,000 square miles of land for a colony. The first settlement was destroyed and 21 settlers killed by agents of the North-West Trading Company of Montreal in the massacre at Seven Oaks in 1816. Brokenhearted, Lord Selkirk died in France four years later. The land was returned to the HBC in 1835.

Lord Selkirk's memory has been revered since by the Lord Selkirk Association, first formed in 1912 during centenary celebrations.

Trusts bank with money

MINNEAPOLIS.—Amen Balkin, 63, trusts banks with his money again.

Police were astounded when Balkin dumped \$5,754 in small bills out of a gunny sack when the officers arrived to order him out of his small hotel room at the request of the management.

He said he had been keeping his savings in his room since he lost \$400 when a bank failed in the depression.

Officers explained to the odd-jobs worker that bank deposits now are insured by the federal government.

Balkin was escorted to the nearest bank where it took eight tellers two hours to count up the money, most of it in dollar bills.

The speed of sound is about 750 miles an hour at sea level.

Strictly Fresh

There's such a thing as doing your job too well. Maurice Mansell and Enid Bouton, who operated a marriage bureau in Wolverhampton, Eng., are shutting up shop. Getting married.

Paper in Manila, the Philippines, suggests that space stations may someday be big enough to accommodate all singers of the wall-and-weep-school. We're waiting for the day when the scientists will be able to ship 'em off on one-way rockets.

Nine little Chester White pigs at Chicago's Brookfield Zoo got sunburned on one of the recent



sizzling days. Attendants spread 'em with sunburn lotion. Everyone to his taste. We like our ham with catsup.

British firm tells the International Atomic Conference at Geneva it will sell atomic reactors for about \$210,000 each. American firm says its models will go on sale for about \$200,000. Fission for business?

Des Moines, Iowa, city fathers announce that the city's new dog tags will be shaped like fire plugs. No word as yet about marriage licenses printed on ball-and-chain-patterned paper.

Walrus "whiskers" are actually cartilage.

Eight years for new pig breed

The work, time, study and money represented by eight years and over 3,000 discarded pigs is impressive. These figures are some cold facts that lie behind exciting announcement of a new breed of pigs at the Dominion Experimental Farm at Lacombe. Over 3,000 of the animals had to be discarded as the scientists of Lacombe found the animals genetically unsuitable because of poor type and quality, says Alex J. Charnetski, Alberta's Livestock Supervisor.

As with new varieties of grain, the new livestock projects will bring added millions of dollars into the pockets of Canadian farmers. This will be done by releasing for breeding purposes strains of animals which have been proved superior. Until such time as a breed is finally proved superior for the purpose it was meant, it is not released. In this way, farmers are protected from strains and breeds of farm animals which have been found to be of low economic value.

Mr. Charnetski points out that pigs unsuitable for production of highest quality meat products for domestic or export purposes are discarded.

The alert farmer who studies the market demand is a very cautious farmer when buying his pigs. Mr. Charnetski advises that many farmers are well aware of the increasing demand for quality hogs and as a result are more careful in their selection; others, continues Mr. Charnetski, should exercise greater care in buying breeding stock.

The figures reveal the folly of an individual trying to produce a "newbreed" of swine. Unless a man can employ trained geneticists and risk spending hundreds of thousands of dollars he will not be successful at raising a reliable money producing new breed. All he is likely to do successfully is dupe his fellow farmers for awhile.

:: GEMS OF THOUGHT ::

THINKING

Real thinkers forget about themselves in thinking.

—Max Wertheimer.

To have doubted one's own first principles, is the mark of a civilized man.

—Justice Oliver Wendell Holmes.

The right thinker abides under the shadow of the Almighty. His thoughts can only reflect peace, good will towards men, health, and holiness.—Mary Baker Eddy.

When men and women agree, it is only in their conclusions; their reasons are always different.

—George Santayana.

There is no expedient to which a man will not resort to avoid the real labor of thinking.

—Sir Joshua Reynolds.

To him whose elastic and vigorous thought keeps pace with the sun, the day is a perpetual morning.—Henry David Thoreau.

EYES RIGHT

Anyone who does much close work such as reading, writing or sewing, should ensure that the light in which they work is adequate for the job. It should be not too glaring nor dim—if there is any eyestrain, the light should be adjusted. Any indication that the sight is impaired or if there are persistent headaches, it is advisable to have the eyes examined by a medical eye doctor or ophthalmologist so that if any disease threatens or if the trouble is caused by some physical condition in other parts of the body, the trouble may be treated and the sight helped. If glasses are required, they should be obtained through the doctor's prescription, never bought over the counter at a store.

CLASSIFIED

DRAFTSMEN ARE IN GREAT demand. Train for these well-paid secure jobs by a proven successful home-study diploma course. Free folder. Low Fall fees. Primary School of Drafting, Dept. F, Box 125, Station Q, Toronto, Ontario.

Do FALSE TEETH Rock, Slide or Slip?

FASTEETH, an improved powder to be sprinkled on upper or lower plates, holds false teeth more firmly in place. Do not slide, slip or rock. No gummy, gooey, pasty taste or feeling. **FASTEETH** is alkaline (non-acid). Does not sour. Checks "plate odor" (denture breath). Get **FASTEETH** at any drug counter.

How to Reduce Swollen Painful Piles

Here is a nice, clean, easy way to get real relief from the nagging distress of swollen, painful piles without the inconvenience of ointments, pile pipes or suppositories.

The secret is in taking just one small Hem-Roid Tablet, with water, two or three times a day. Works through effective INTERNAL action. Quickly eases constipation, relieves itching, soreness and pain. Helps shrink piles and permits them to heal.

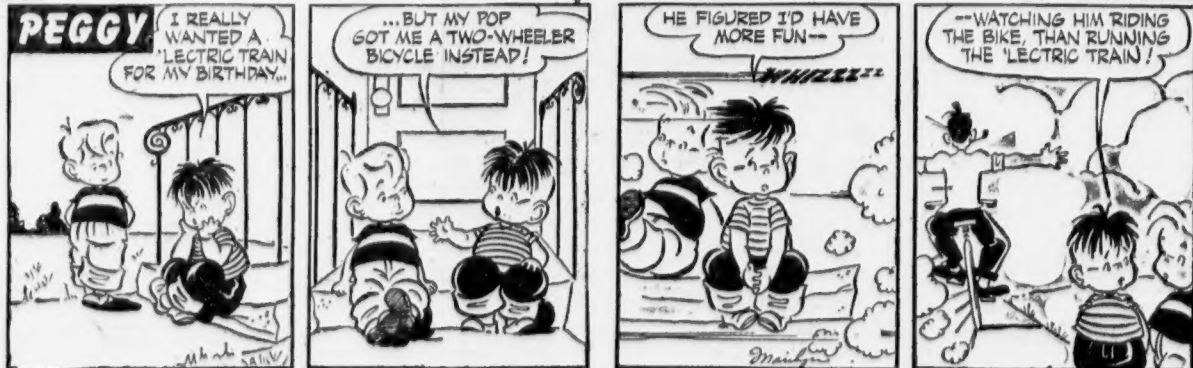
Why suffer needlessly when Hem-Roid offers you so much. Get a package today. See for yourself how nice Hem-Roid is to use, how effective it is and how much more comfort it will quickly bring you. All drug stores. Low cost. Money refunded if you are not 100% pleased.

MACDONALD'S

BRIER

Canada's Standard Smoke

—By Chuck Thurston



The week in Britain

Shows increase

Oil refineries throughout the world owned by British and associated Dutch interests had a total capacity at the beginning of 1955 of 127 million metric tons—an increase of about 8.5 million tons on the comparable figure for 1954.

New Royal carpet

A new Royal carpet, 141 feet in length, has been installed in the picture gallery at the Palace of Holyroodhouse, Edinburgh. The handsome Renaissance design, in four shades of red, was chosen by Queen Elizabeth II to harmonize with the decorative scheme of this 17th century gallery. Of high grade Axminster quality, the vast carpet is woven right through to the back—a method which locks each tuft securely and gives an effect rather similar to that of a hand-made carpet.

Exports of wool

Exports of wool from the U.K. to Canada have been steadily rising this year. The latest figures from the U.K. Board of Trade in London show that in the first six months of this year exports of wool and other animal hair and tops to Canada amounted to more than \$8.4 million. This figure is a good increase over that of \$7.2 million for the corresponding period of last year.

Racing at Dundrod

One of the seven international events in the World Sports Car Championships, the Ulster Tourist Trophy Race for production sports cars and prototypes, will be run this year over the seven mile Dundrod course near Belfast, Northern Ireland on September 17. Now organized by the Ulster Automobile Club, the race was inaugurated in the Isle of Man in 1905, and moved to Northern Ireland when the famous Ards Circuit was opened in 1928. Nearly every driver of note has appeared in the Ulster T.T.

Increased sales

The popularity of British office equipment has been steadily rising in Canada. The latest figures show that the trend was continued over the first six months of this year. Exports of this equipment to Canada rose from less than \$1,120,000 in the first half of 1954 to more than \$1,170,400 in the corresponding period of 1955.

Herald prototype

One of the highlights of the Society of British Aircraft Constructors' Display at Farnborough this year will be the first public appearance of the prototype Handley Page Herald. This four engine transport aircraft has been a success ever since it reached the drawing board stage. Although it has not yet flown, orders for 29 aircraft have already been placed by airlines in Australia and Columbia.

Flax exhibition

Examples of British linen designed especially for Canadian customers are among exhibits at a flax exhibition entitled "The Nobility of Linen Throughout the Ages", now being held in Edinburgh. The Exhibition is sponsored by the Flax Spinners Manufacturers Association of Great Britain.

36 Iron horses headed for scrap factory

CALGARY.—Its days are numbered now, but it wasn't so long ago that the 5900 was the biggest steam locomotive in the British Commonwealth, a symbol of man's triumph against the rugged Rockies, relates a Canadian Press story.

There is a possibility that one of these 36 iron horses will be placed on permanent display here.

Eighteen of the giant locomotives are reported idle in the CPR shops near Calgary, but some are still in service on some runs. Their main job—the haul over the Rockies—has been taken over by Diesel locomotives.

The suggestion that one of the 5900's be put on exhibit was made by Ken Liddell, Calgary Herald columnist. The tourist committee of the chamber of commerce took up the idea and railway officials have expressed interest.

Can keep heart beating 109 hours

TORONTO. — A new electronic device has been invented that can keep the human heart beating for as long as 109 hours, according to a release from the Medical and Pharmaceutical Information Bureau received by the Health League of Canada.

This is much longer than any previous means of artificial heart stimulation has been able to accomplish. The inventor calls his machine an "electric pacemaker". He has already used it successfully in the treatment of 27 cases in which the heart was not beating at its normal rate. The pacemaker is used by applying two metal electrodes to the chest of the patient. The current is turned on and the machine is set at a pace at which the heart should beat normally.

From time to time, the physician examines the patient's heart to see if it can function properly without the help of the machine. In most cases, it is not necessary to use the machine for as long as 109 hours, or even half that long.

The inventor reports that he has used the device in cases where the heart has stopped beating during an anaesthesia, surgery, or because of what the doctors call "cardiac arrest"—that is, an unexpected and frequently unexplained stopping of the heart's pumping action.

New village of La Ronge

REGINA. — The village of La Ronge was established August 1 according to Hon. L. F. McIntosh, Minister of Municipal Affairs. This brings to 380 the total number of villages in Saskatchewan, including six summer resort villages.

La Ronge which lies north of Lac la Ronge has a population of some 381 people. A village must have a population of at least 100 to qualify as such.

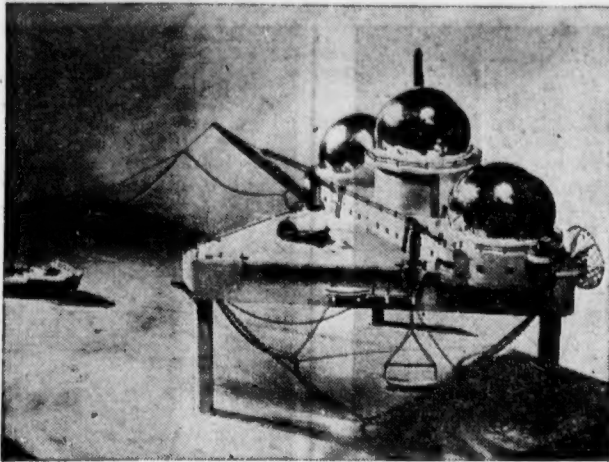
An election of village officers took place at La Ronge on Wednesday, August 24, when one overseer and two councillors were chosen from a slate of eight candidates.

The first council meeting was held Friday, August 26. A secretary-treasurer for the village of La Ronge was appointed by the newly elected council.

The village of La Ronge consists of those portions of projected township 70, range 23, west of the Second Meridian lying north of Lac la Ronge shown as Lots 1 to 14, inclusive and including the road west of Lot 14, on a registered plan of record in the Land Titles Office for the Prince Albert Land Registration District.

British Columbia fishermen landed 514 whales in 1954.

Man-made "radar islands" to guard east coast as part of defence net



Model of a "radar island" off-shore watching post
By LEONARD J. SNYDER
(CPC Correspondent)

WASHINGTON.—A new concept in continental defence has been launched by the U.S. with the world's first man-made "radar island" erected off the Atlantic coast this summer.

It is the first steel-and-concrete link in a chain of permanently anchored "watching posts" off the United States-Canada coast from Norfolk, Va., to Newfoundland.

Each base will house from 50 to 70 air force personnel, including perhaps a few navy men, and will have its own power generators, hospital and recreational facilities, maintenance rooms and even a helicopter airport to facilitate transportation of men and supplies.

The idea behind the project — one of the most challenging scientific ventures ever undertaken by the U.S. government — is to help guard the North American continent against surprise attack.

The defence department has clamped a lid of secrecy on the capabilities and some other details of the off-shore radar bases. However, from congressional reports and other sources, additional facts about them have come to light.

To learn whether such bases would be structurally and scientifically sound, the air force put the project in the hands of the Lincoln laboratory of the Massachusetts Institute of Technology. It approved and so did Congress which authorized the funds to start construction of the first base.

The air force estimates the cost for one "radar island" at \$5 million and \$10 million.

The bases to be erected in international waters off the east coast are a small but not insignificant segment of the radar net-

works presently under construction on the continent. The cost of the networks to the United States alone is unofficially said to be \$750 million.

The nation's first off-shore radar base is about 110 miles due east of Cape Cod on Georges Bank in about 50 feet of water. Defence planners refuse to say when the second—or last—base will be put in place.

By 1957 it is hoped continental air defences will have reached the stage whereby more than 90 per cent of an attacking atomic air armada can be destroyed before making a strike.

The new off-shore bases will play a big role in alerting air and ground defences to any Atlantic attack. Their principle purpose will be to supplement the jobs of radar ships and planes now scanning the skies and seas for enemy raiders.

From the air the bases with their steel cassettes, or legs, rising 87 feet above water level will look like the off-shore oil rigs in the Gulf of Mexico. Officials have already dubbed them "Texas Towers."

It's 6,000-ton platform is triangular in shape with sides 200-

FIRST YEAR'S BATTLE

An infant has a battle for survival during his first year of life. During this period, it is a good idea to have his health and general progress checked each month by his doctor or the well-baby clinic, where his weight, physical condition and growth will be recorded. He should have his daily dose of vitamin D, which should continue from birth until he is 16 years of age. Immunization against the various contagious diseases should be given at the time the doctor or clinic advises.

feet long, or about two-thirds the length of a football field. Its depth is 20 feet. There are two main decks.

On the platform are three ball-shaped radar domes each about the size of an average two-storey frame house. The radar equipment is housed in these domes with their planetarium-like roofs along with the men who will keep watch—a lonely, dismal watch for something no one hopes will come.

TRY AND STOP ME!

By BENNETT CREE

The census taker was unaware that he was talking to the town's most notorious loafer. "You must have some sort of business," he persisted. Cornered, the lazy one announced, "Well, you might say I operate a hand laundry."

"Now we're getting some place," enthused the census taker. "Where's your business located?" The self-styled hand laundry proprietor answered, "Look behind you. Here she comes now."

"Back in the guard house again, eh, Pte. Buttenheimer?" observed the sergeant grimly. "What did you do this time?"

"It's a gyp, sarge," complained Buttenheimer bitterly. "I just obeyed orders. I was assigned to help out at the reception for Sen. Bloop, and the captain told me to stand at the entrance and call the officers' names."

The new typist, fresh from college, was so pretty that nobody had the heart to reprimand her for obvious short-comings. The boss saw her frantically searching through the files one morning and said consolingly, "There, there, Mary. If you've lost something again it isn't serious enough to burst into tears about it."

"It certainly is," said Mary, choking back a sob. "This time it's my lunch."

A couple of smart-alecs from New York were driving in Maryland when they found the road blocked by a sign warning: "Closed. Please detour." "Road looks okay to me," snorted the driver. "Some joker put that up; bet he owns a gas station on the detour." So they tossed the sign aside and proceeded about 10 miles, where they found a bridge washed out. After driving all the way back they found the sign was back on the road—with a footnote reading: "It really was closed, wasn't it?"

A prickly pear, an eel and a large fish share the name tuna.

Rich fabrics lend elegance to after-five costumes



These elegant after-five costumes are typical of the rich-looking fabrics used for gay fall and winter social events. Black velvet enriches the classically tailored frock, left, which is collared with linen. Beige jacquard silk twill comprises the casually formal "shirt" dress and coat, centre. Black chiffon teams with black wool top for the chic afternoon ensemble, right.

World Happenings In Pictures

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PLOTTING HIS COURSE—Light-heavyweight king Archie Moore appears to be fathoming the pugilistic seas ahead. With a yachting cap added to his usual sporty attire, Archie stares straight ahead during his contract signing ceremonies for his title bout with heavy-weight champion Rocky Marciano on September 20 at Yankee Stadium.



BEAR CANDY—That's what ice cakes are to this polar bear and his two grizzly companions who tour with the Ringling Brothers' circus. This particular treat was fed to them in Chicago, Ill., during a recent hot spell, and another serving is forthcoming every time the show is on location where the temperature sizzles.

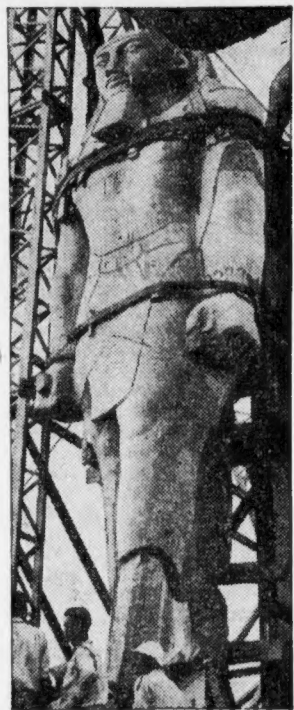


"RED" MEN MEET—Chippewa Chieftan Clear Sky and his wife, Evening Star, great Vladimir Matskevich, chief of Russia's farm delegation which toured the United States, as the "Red" man from overseas visited Princeton, Minn.

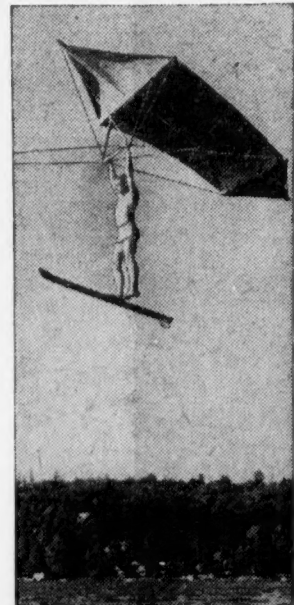
3158



THE FIRST ACE of his career was registered in the opening round by Jerry Barber in the opening round by Jerry Barber in the Canadian Open at Toronto. Barber, who hails from Los Angeles, canned a No. 7 iron the par-three 130-yard first hole. Looking over his shoulder is Gardner Dickinson.



KING-SIZE—This 20-ton statue of Ramases II, conquering pharaoh of Egypt's 19th dynasty, dwarfs 20th Century humans as it is raised from its centuries-old rest-



FISH, FLESH, FOWL — Tony Baird, of Everett, Wash., takes on attributes of the finny and feathered world when he's at play. Towed by a fast motorboat he takes to the air with aid of a kite while riding water skis. Holder of an unofficial world's altitude of 100 feet for this means of soaring, he's shown making the sport even more exciting by wearing only one ski.



IN THIS portrait, the Princess wears a pale yellow dress of paper shantung taffeta and a collar of white organza, a five-string pearl necklace and a rose diamond brooch.



FREEDOM FROM PREVENTABLE DISEASE—an objective of the World Health Organization and of every Canadian health department—is the right of every child. National Immunization Week will be observed September 25 to October 1. This event, sponsored by the Health League of Canada in support of the health departments, is intended to remind parents of children's rights to protection. Families in areas not having immunization services may write to their provincial health department.



MARINE SAUCER—Tiny, gasoline-motor-driven water scooter makes its debut in West Berlin, Germany. It put-puts over the waves at about 10 mph and is steered with a motor scooter-type handlebar.

The Sports Clinic

(An official department of Sports College)
Conducted by Lloyd "Ace" Percival

A weakness you can use

A ball hit deep and hard to the backhand corner of the court is the nemesis of practically every tennis player. Many can return it safely enough but only one in a hundred can do it with speed, power and accuracy.

To make use of this weakness, place several shots well over on your opponent's forehand court. When you have him over on this side of the court, suddenly make your play for his backhand corner. Prepare for a fairly easy return and get ready to put it away for a point.

How to avoid cramps

We often read of swimmers who have drowned or nearly drowned after suffering an attack of cramps. Here are a few hints that

will help you avoid this danger. 1. Never swim in deep water if you are just recovering from an illness, feel tired or are "out of sorts".

2. Wait at least two hours after a meal. It's hard on your digestive system and throws an extra load on your heart if you go into the water too soon. Organize your day so that you have something interesting to do right after a meal and won't be tempted to go in swimming too soon.

3. Try to get in top physical condition and don't tax your strength beyond that condition.

4. Avoid swimming in water you find very cold.

Protect your bruises

Bruises, like blisters, are common in sports—and are usually neglected. Just the same, even though they usually aren't serious enough to stop you from playing, they can cause a lot of trouble if they are injured again before they are properly healed.

Make a good thick pad of "cotton batten". Tape this carefully over the bruise. This will help you avoid further injury and will prevent pain if you get hit on that bruise again.

Remember, it pays to take care of any injury. Never neglect even the smallest blister or bruise.

Quick Canadian Quiz

1. What is the largest denomination of bank note issued in Canada?
2. What proportion of Canadian households have automobiles: 1 out of 10, 1 out of 6, 1 out of 4, 1 out of 2?
3. What is the average annual wage of male farm help, without board, in Canada?
4. What is the total strength of the R.C.M.P.?
5. The provincial governments last year had total revenues of \$157,997,000 from the sale of liquor. Of that total how much was profit?

ANSWERS TO QUICK QUIZ

5. Of total liquor revenues of \$158 million, \$123 million was profit. 3. At mid-May annual farm wage without board averaged \$1,460, about \$15 less than a year previously. 1. \$1,000. 4. About 4,500 officers and men. 2. Better than 1 out of 2; 55 of 100 have automobiles.

(Material prepared by the editors of Quick Canadian Facts, the pocket annual of facts about Canada.)

BLOOD TELLS TALE

From drops of blood on a smooth surface, a criminal investigator can generally tell from their size and shape the height from which they fell and whether the bleeding person was standing still or moving at the time and, if moving, in what direction.

Drive With Care!

Longer seasons, larger limits feature game bird seasons

REGINA.—Longest seasons and largest bag limits allowed anywhere in North America highlight Saskatchewan's 1955-56 game bird season, according to a recent announcement by Game Commissioner E. L. Paynter.

Waterfowl are very plentiful this year, Mr. Paynter said, and because of this there has been some relaxation in bag limits and seasons, with the season opening a week earlier than last year.

Following are the 1955-56 season dates:

Ducks, Geese and Coots—North zone, September 1-November 30; south zone, September 7-December 15.

Wilson's Snipe — North zone, September 1-30; south zone, September 7-October 8.

Sharp-tailed Grouse, Hungarian Partridge and Ruffed Grouse — Throughout the province, October 15-November 12.

Spruce Grouse — Fringe and

northern area, October 15-November 12.

Cock Pheasants — Throughout the province, October 1-November 12.

Ptarmigan — Fringe and northern area, September 5, 1955-January 31, 1956.

Bag limits as announced by the Game Branch are:

Ducks—15 daily, 45 possession; Geese—5 daily, 10 possession; Coots—10 daily, 20 possession; Wilson's Snipe—8 daily, 16 possession; Sharp-tailed Grouse—8 daily, 16 possession, 24 for the season; Hungarian Partridge—8 daily, 16 possession; 24 for the season; Ruffed Grouse—4 daily, 8 possession, 8 for the season; Spruce Grouse—4 daily, 8 possession, 12 for the season; Cock Pheasant—10 daily, 10 possession; and Ptarmigan—10 daily, 20 possession.

Live right—Eat right—Feel right

WEEKLY BIBLE COMMENT

THERE ARE MANY WAYS TO FOLLOW JESUS

We need to be reminded that Jesus is not only Redeemer, Savior and Friend, but that in His Life He manifested from day to day all that He taught. He set an example for all who would believe in Him and follow Him.

Jesus taught as much by example as by precept. When He taught the lesson of humility, and the greatness of service—a lesson that the Twelve needed to learn right up to the Last Supper, and the nearness of the Cross—Jesus set the example of the feet-washing.

He said, "If ye love Me, keep My commandments"; but He not only said "Do as I say," but "Follow Me."

To follow Jesus is not necessarily the same thing for us all. It was not so in the time of Jesus, Himself. To some He said, "Follow Me," in the sense of joining His actual company.

But those whom He sent away were as truly followers, spreading abroad their testimony as to what Jesus had done for them.

The one thing that is certain is that Jesus set us an example of the spirit that must underlie all our words and actions.

To live by the precepts of the Master, and to live in His spirit, is to follow Him, whatever our task may be.

A crucial weakness of our national life is the fact that so many have no such spirit or devotion.

It is a crucial weakness of the church and of current Christianity, that so many who do not feel called to some special discipleship fail to be disciples at all. The man whom Jesus sent home was as truly a follower as those who remained.

Helpful Hints

When sewing in a room with a carpet or large rug, a large sheet tucked on the floor will catch threads and scraps. It is quickly and easily taken up when the work for the day is finished and makes sweeping and dusting unnecessary.

Smoothness and glossiness when ironing starched pieces can be attained by stirring the starch with a paraffin candle three or four times while boiling, and just before removing from the fire.

To make mashed potatoes more fluffy, add ½ teaspoonful of baking powder to the milk and butter before adding them to the potatoes.

Try using linoleum instead of oilcloth to cover the kitchen and laundry tables. It will last much longer and will be far more satisfactory in every way.

DECODED INTELLIGRAM

- 1—Connie. 2—Is. 3—May not.
- 4—Oceans. 5—Counterclockwise. 6—Is. 7—Sea. 8—(10-15). 9—100.
- 10—Need not.

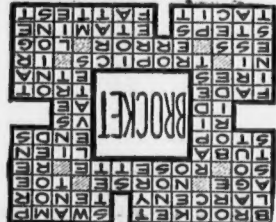
Meteors which reach the earth are called meteorites. 3158

Weekly Crossword Puzzle

Ruminant

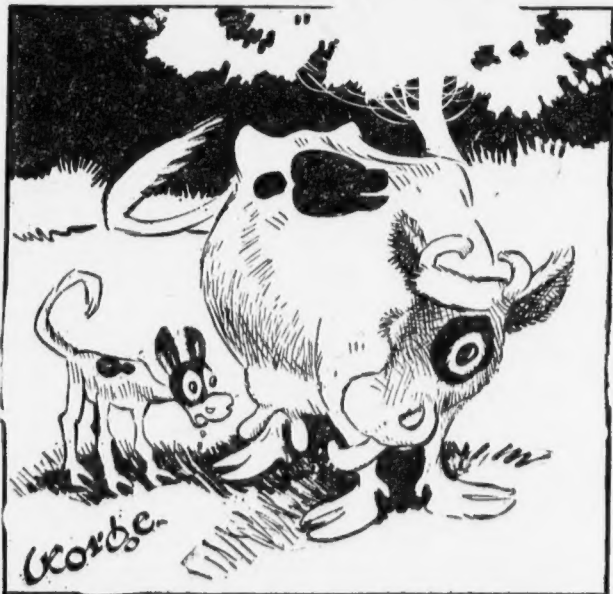
- | HORIZONTAL | VERTICAL |
|---------------------------------|-----------------|
| 1 Depicted | 1 Strong winds |
| 2 Horned | 2 Meat dish |
| 3 Ruminant | 3 Mineral rock |
| 8 It also is called | 4 Measure (ab.) |
| 13 Theft | 5 Gambling |
| 14 Singing voice | 6 game |
| 15 Era | 6 Seth's son |
| 16 Scandinavian | 7 Biblical city |
| 18 Pedal digit | 8 Let it stand |
| 19 Thus | 9 Pronoun |
| 20 Ribbon | 10 Insect |
| 21 Ornament | 11 Anchored |
| 22 Concerning | 12 Smooths |
| 23 Musical instrument | 17 Thoroughfare |
| 25 Legal claim | 20 Fastest |
| 27 Halt | 21 Raises |
| 28 Finishes | |
| 29 "Smallest State" (ab.) | |
| 30 Against (ab.) | |
| 31 Hypothetical structural unit | |
| 32 An (Scot.) | |
| 33 Wilt | |
| 35 Horse's gait | |
| 38 Angers | |
| 39 Volcano in Sicily | |
| 40 Nickel (symbol) | |
| 41 It is found in the American | |
| 47 Not (prefix) | |
| 48 Worm | |
| 50 Mistake | |
| 51 Piece of lumber | |
| 52 Paces | |
| 54 Bunting | |
| 56 Unspoken | |
| 57 Most obese | |

Here's the Answer



Ticklers

—By George



"This warm milk all the time! How about some ice cream?"

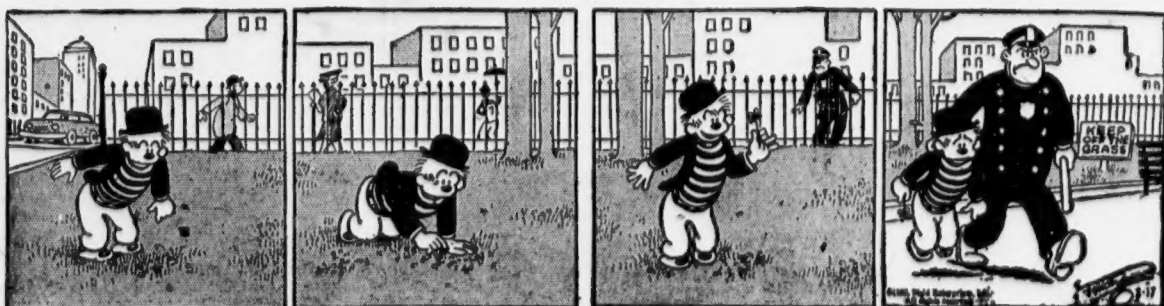
VIRGIL



By Len Kleis

BOZO

By Foxo Reardon



Capacity storage cheapest

Many farmers will not have enough room in their granaries for the 1955 harvest. How can more storage space be provided? Piles on the ground and improvised bins of snow fence and paper, cannot be relied upon unless the weather is consistently favorable.

Naturally the cost of permanent, weatherproof storage is a factor to consider. The cost of non-weatherproof storage must also be considered. This would include one or more of the following: the value of the grain lost, worry, cost of materials and the work involved.

Large capacity weatherproof storage costs less per bushel than small capacity weatherproof storage. For example, a building 40 feet wide by 100 feet long, which will hold 45,000 bushels, was built at Eastend for a little over \$5,000. This is a little more than 10 cents a bushel charged to one crop.

The advertised price of 1,000 bushel bins without floors is over 26 cents per bushel. The materials for a round roof rafterless plywood bin designed and tested at the Experimental Farm at Swift Current cost a little under \$400, including a double plywood floor. This is about 16 cents a bushel.

A building which may be used for any number of purposes as well as for storing grain will be an asset on most farms. It is suggested that a width of not less than 40 feet be considered. Wide buildings having no centre supports to get in the way are needed as the mechanization of farm operations progresses.

Standard Bridge

by M. Harrison-Gray

Dealer: South
East-West game

N.
♠ Q J 3
♥ A 5 4 2
♦ K 9 8 6 5 2
♣ ...
W.
♠ A K Q 7 6 2
♥ K 7
♦ K J 10 8 3
♣ ...
E.
♠ 10 8 5 4
♥ 10 9 4 2
♦ Q 9 7
♣ 7 3
S.
♠ J 9 3
♥ A 8 6 5
♦ A Q J 10 4
♣ ...

When South opened with One Club in the world individual championship, most of the West players were content to jump to Two Spades, not forcing but unlikely to be passed out. With the vulnerability in their favour, North-South usually finished up in Six Clubs doubled, which proved to be unobtainable.

At the table where I sat East, my partner overcalled with a game-forcing Two Clubs. North's jump to Five Hearts relieved me of the obligation to bid, but West's double made me think again. Opposite a powerful freak, my hand might be more valuable than it looked, so I tried a bid of Five Hearts. This was doubled and likewise West's retreat to Five Spades. North led ♠ 6, and the contract was easily made for the only East-West plus score on the deal.

Mortality rate down 92 percent

The mortality rate from appendicitis has been reduced by more than 92 percent in 15 years, is the finding of a Canadian survey. In 1939, there were 26 deaths for every 1,000 cases of appendicitis. In 1954, there were only two. The chief threat from appendicitis has been that the appendix would rupture and the infection spread throughout the body before the surgeon could operate. But the Canadian survey shows that since 1939, even ruptured appendices have become 15 times less fatal. Much of the credit for this goes to surgical advances and antibiotic drugs like streptomycin and penicillin, a potent penicillin combination. (ISPS)

SMILE OF THE WEEK

First Neighbor: "How did that naughty little boy of yours get hurt?"

Second Neighbor: "That good little boy of yours hit him with a brick."

The average railroad passenger car is 72 feet long. 3158

Tweed basic fabrics for fall wardrobes



Tweed, a traditional fabric for fall suits and coats, will make its autumn debut in subtly slender styles. The model, left, wears a casual black and white tweed suit with rib knit sweater. The low belt on back of jacket accents the swagger style. Red silk dress combines with red and black imported tweed in the "costume" dress and coat, right. The latter features the new jet collar.

United Nations launches new aid program

PARIS. — The United Nations Educational Scientific and Cultural Organization has launched a new program for providing "direct aid to member states," immediately earmarking from its regular budget just under \$800,000 to cover projects already approved for 1955-56 in 41 countries.

This direct aid scheme, which was authorized by the Unesco General Conference at its meeting in Montevideo last December, is unlike the U.N. Expanded Program of Technical Assistance, in which Unesco also participates, in that it is not limited to economic development and is applicable to advanced as well as to underdeveloped countries.

Total funds available for the program for the period 1955-56 are \$1,100,000. So far requests have been received from 58 countries for aid amounting to over \$4,000,000. The selection of the projects approved has been based on strict criteria established by Unesco's Executive Board.

The \$800,000 already earmarked will provide for the sending of 69

SELF DIAGNOSIS

There is a type of person who loves to talk to his aches and pains, real and imaginary, at long length and with plenty of detail. The story of his ailments may or may not interest anyone but himself but they don't add to his popularity. If he really has pain or symptoms of illness, he would be better advised to consult a doctor, who is the only authority competent to diagnose symptoms. Many people nurse their imaginary ills for years, a worry to themselves and their families. They could enjoy life much more if they would see the doctor and let him convince them that they were really in normally good health, or prescribe treatment if the condition requires it.

experts to the field, the award of 46 fellowships for study and the supply of \$1,000 worth of equipment over the next 20 months. The balance of \$300,000 has been set aside to meet other requests for aid.

The first car race was from Paris to Rouen in 1894.

Hot air rises but not heat

If you think heat rises, you're wrong. Hot air does, but heat alone doesn't rise any more than it falls.

That distinction is an important one for many home-owners, according to American Builder magazine, which says that a radiant-heating panel in the ceiling of a room can be just as efficient as if it were in the floor.

Comparing a ceiling panel to the sun, the magazine says the ceiling panel warms occupants of the room in a downward direction from the sun that is millions of miles away from the earth.

Radiant heating is one of the newest home heating systems. Heat is spread through a house by circulating hot water through coils of pipe embedded in floors, walls or ceilings of the rooms. The heating coils are completely concealed.

A radiant-heating system is not intended to heat the air. Instead, it heats the persons and other objects in the room. High air temperatures are not necessary, American Builder says.

Canadian statistics report

(A Weekly Review)

The People: There were more births and deaths but fewer marriages registered in July this year and seven-month totals were up 2.7 percent for births and 3.3 percent for deaths and down 3 percent for marriages as compared with a year earlier.

Labor: The civilian labor force increased by 123,000 during July but the number of persons with jobs showed an even sharper rise of 130,000. . . . N.E.S. employment applications numbered 211,300 on July 21, some 40,700 less than a month earlier and 52,200 fewer than at the same time last year. . . . Industrial employment showed the largest expansion in five years at the start of June.

Merchandising: Department store sales rose 8.5 percent above the 1954 level in the week of August 13. . . . Retail sales averaged 4.5 percent above last year in the first half of 1955, with gains in 12 of the 18 trades.

Transportation: Nearly 17 percent more cars were loaded on Canadian railways in the first week of August to put cumulative 1955 loadings almost 9 percent above last year's level. Receipts from foreign connections were up 22 percent in the week, nearly 12 percent in the cumulative period. . . . Railway operating revenues increased 11 percent this May and operating expenses less than 4 percent to put net operating revenue at more than two and one-half times last year's figure. . . . Express company receipts were down 5.7 percent last year. . . . Oil pipe line mileage increased by 862 miles to 4,656 miles last year.

Travel: More foreign vehicles entered Canada on traveller's vehicle permits in July than in any other month on record. The 3.3 percent gain over last year's July peak put seven-month entries 4 percent above last year.

Electric Power: With gains recorded in all provinces except New Brunswick, output of Canada's central electric stations increased over 7 percent this June to put half-year production more than 13 percent above last year's January-June level. All provinces reported gains in the first half.

Sound waves as treatment

Sound waves we cannot hear, known as ultrasonic waves, may provide an improved method of treating diseases such as bursitis, arthritis, skin infection and ulcers.

The device which generates the sound waves is applied directly to the skin, in contrast to the standard ultrasonic machines for therapy which beam the rays through the air just as an ordinary radio transmitter does. The waves generated by the new machine penetrate so deeply they even go into the bones. Although the ultrasonic energy raises the temperature of the tissues within the body, the patient does not feel the heat. His skin is covered with mineral oil for protection.

Luscious Blueberries Star in Desserts Other Than Pie

BY DOROTHY MADDOX

THOSE luscious, giant, cultivated blueberries, most of them from Michigan, can put color and flavor into your salads and desserts.

Blueberry Ice Cream Sauce (4-6 servings)

Simmer 1 pint (2½ cups) cultivated blueberries in ¼ cup water for about 5 minutes. Add 1¼ cups small, dry bread cubes, without crusts; ½ cup sugar, 1 tablespoon butter or margarine, ½ teaspoon salt, ½ teaspoon grated lemon rind, and 1 tablespoon lemon juice. Place on lowest heat for 20 to 30 minutes. Serve with vanilla ice cream, plain cream, or sweetened, whipped cream.

Blueberry Ambrosia (6 servings)

One-third cup boiling water, 4 sprigs mint, 2 tablespoons sugar, 2 cups fresh cultivated blueberries, 1 to 1½ cups shredded coconut. Pour boiling water over mint and steep for 5 minutes. Strain. Add sugar and stir until dissolved. Cool. Alternate layers of blueberries and coconut in serving dish. Pour mint sauce over fruit. Chill. (Note: For variation use fresh fruits, such as apricots, pitted Bing cherries, grapefruit, honeydew melon and cantaloupe).

Blueberry Flanation Salad

Crisp lettuce, cottage cheese, large, cultivated blueberries: fresh peach half, salad dressing.

Arrange crisp lettuce leaves on individual salad plates. Place scoop of cottage cheese on each leaf and heap blueberries on top. In the center of the plate put a fresh peach half, cut-side up, and fill with berries. Serve with mayonnaise or any favorite fruit salad dressing.



Blueberry sauce for ice cream is a delicious, seldom-used topping with which to surprise your family one of these days.

OUR COMPLETE SHORT STORY—

Homewrecker Night

—By CHARLES DORIAN

NELLIE NORTY had blue eyes and red hair and a peach of a disposition and she loved playing bridge.

Stephen Southy had brown eyes and black curly hair. He had a shy temperament—and he hated playing bridge.

Yet these people were very much in love.

Stephen's father wanted the boy, who was only 20, to go into politics because he was a good student of political economy, and forget the idea of marriage for at least two years. Stephen wanted to get married at once. He had a good job and Nellie could cook, so why not?

"Stephen," Nellie reminded him, "when we are married we will have to play bridge now and then, so I wish you would buckle down and learn the game. Everybody plays."

"Everybody?" he questioned. "I've seen some play at it and even in my poor opinion they make an awful mess of it. Now, I wouldn't think of having you read the stuff I like to read, so, if you like cards so much, you could go and play 'em while I sit home and smoke my pipe and enjoy my reading."

"But that sort of divides the family," she reasoned. "I'd like to have you with me when I go places. And bridge is interesting—very interesting, when you learn the fine points."

"Well," he surrendered. "Perhaps if I do not succumb to it as a habit, I'll be well advised to learn something about those fine points. And then, of course, the neighbors might like to have a game now and then." In a short time he was studying various sequences and finding the game very intriguing.

And Nellie persuaded him to enter the Homewrecker's Bridge Tournament, sponsored by the Business Men's Association of Cardville.

The rules of the tournament demanded that wives play with husbands, and fiancées with fiancées, with the avowed object of testing their tempers.

Any player, who by any sign or word, betrayed a rising temper was to be fined one dollar. The Association members had a committee to circulate around the tables to keep tab on all facial and labial expressions.

The Association assumed all expenses as an advertising venture and the prizes were liberal. Twenty-five dollars to the pair having the highest score; five dollars for the lowest.

In addition to these prizes \$100 was offered to the first couple bidding and making a grand slam in no-trump. The committee felt quite safe in making this offer, which they called the Joker prize, because from past experiences such a contract was muffed more often than it was fulfilled.

Nellie was thrilled. If anybody could use that hundred dollars, she could. With the rising cost of trousseau habiliments she had already exceeded her budget. Stephen was apathetic. He could do with the money, too, but he knew he would fizzle a slam hand if he had one.

It was a gay and friendly party. Fifty tables were in play and tempers were subdued up to the third round. Then one poor fellow got into a 7 no-trump contract and went down two tricks. His wife bawled at him and for him and hubby had to dig down for a dollar as her penalty. This produced much good-natured kidding in which the pair participated—postponing final hostilities until they went home.

Things were not going very well with Nellie and Stephen. At the last table they were seated against Stephen's father and mother. Nellie played superbly as usual, making the best of poor cards by clever finessing. Stephen would be glad when the thing was over because of nervous tension.

He picked up the cards to deal the last hand with a sigh of relief. His eyes opened wide as he glanced over his holdings. Excitedly he chirped "seven no-trump!"

"Eh?" gasped his dad. Nellie laughed. Mr. Southy groaned.

Dad doubled because his holdings included the K-Q hearts and K-Q clubs, and over his face spread a broad grin. He remarked, generously expanding his massive chest:

"Well, my boy, if your side makes this contract I'll add another hundred dollars to the prize, and you may get married as soon as you like."

Stephen was looking at his cards and breathing heavily. His face turned ashy. He clutched at his throat desperately. Nellie thought he had taken ill. She looked alarmed but forced a smile because two kibitzers were hovering near. His mother exclaimed:

"Stephen, son—what is it? Are you ill?"

"I'm all—!" he choked, "all right." He looked across at Nellie and shook his head ruefully. He had made a terrible blunder. His hand contained thirteen Spades.

Dad toyed for a minute with a decision of what to lead. At last he played the king of hearts.

"Thank heaven," breathed Mrs. Southy when Nellie dropped it with the ace. Mrs. Southy was all for the marriage. When Nellie's hand was spread in dummy it showed the ace of clubs single along with the single ace of hearts just played—and even diamonds to the ace-king-queen! Nellie was wildly embraced by Mrs. Southy and even Mr. Southy seemed pleased.

When the kibitzers vanished he whispered to Stephen:

"You'll have to teach your bride some of the fine points of this game. When you bid seven no-trump she must have known that you held the ace of spades. With her holding she should have REDOUBLED."

RACCOON IS DUNKER

The raccoon is fond of dipping its food into water before eating it. Many a tame raccoon prefers to go hungry rather than eat food which it has not been allowed to wash.

3158

Funny and Otherwise

Little Bobby had said a very bad word and was sent to bed without supper. When his daddy arrived home and asked where his son was, he was given the full story.

"Swearing, at his age!" belittled the angry father. "I'll teach him to swear!" With that he dashed up the stairs, stubbed his toe, stumbled and crashed his chin on the first step. After the atmosphere had cleared, Bobby's mother said sweetly, "No more now, dear. You've given him enough for one lesson."

Two sweet young things were discussing affairs of the heart.

"So you've accepted Tom?" said one acidly. "I suppose he didn't happen to mention that he had previously proposed to me?"

"Well, not exactly," replied the other blandly; "but he did confess that he'd done a lot of silly things before he met me."

Report from a country newspaper on a local romance:

"... and the couple were married last Thursday, thus ending a friendship which began in their schooldays."

Fashions

Newest fashion!



4771 SIZES 10-18
by Anne Adams

Top silhouette in fashion — the new flared TUNIC! Sew this stunning version with stand-away collar, decorative flaps—sure to be the star of your fall wardrobe! Choose crepe, wool, faille — mix-match colors for added smartness!

Pattern 4771: Misses' Sizes 10, 12, 14, 16, 18. Size 16 tunic takes 2½ yards 39-inch; ½ yard contrast. Skirt takes 1½ yards.

This pattern easy to use, simple to sew, is tested for fit. Has complete illustrated instructions.

Send thirty-five cents (35c) in coins (stamps cannot be accepted) for this pattern. Write plainly Size, Name, Address and Style Number and send orders to:

Department P.P.L.,
Anne Adams Pattern Dept.,
60 Front Street W., Toronto

Live right—Eat right—Feel right

Operates pheasant game farm inside penitentiary walls

PRINCE ALBERT, Sask.—The inscription on the aluminum bands says: "Notify Game Farm, P.A. Pen", a Canadian Press story reveals.

It was scratched on 200 bands by a prisoner in Prince Albert penitentiary and today 200 pheasants are flying about north Saskatchewan wearing the identification pieces. The game farm is his.

He is known "outside" only as Jimmy. If there is an open season on pheasants in North Saskatchewan in the next few years, the thanks of the sportsmen must go to Jimmy.

William Carroll, secretary of the Prince Albert Fish and Game League, told in an interview how Jimmy had helped the league's pheasant conservation project.

"Jimmy became interested in raising pheasants in 1954," said Mr. Carroll. "Warden C. C. Coutts gave permission for Jimmy to go ahead."

The Saskatchewan Fish and Game League game farm south of Saskatoon gave Jimmy two dozen birds, six weeks old, and from these he wintered 10 birds.

"In the meantime, we had become dissatisfied with our pheasant scheme," said Mr. Carroll. "Ernie Beggs had released some birds in the Prince Albert and Buckland rural municipalities, but predators got most of them. We weren't making much progress and a league meeting was called early this spring to review the project."

It was decided to establish a breeding farm.

"That meant a lot of work and a lot of time which most of us could not spare," said Mr. Carroll. "Then J. C. McKubbin, a guard at the penitentiary, spoke to Ernie Beggs about Jimmy and his birds."

Jimmy became a prime mover in the pheasant conservation project. The league promised 200 birds, feed, and a brooder.

Jimmy did all the work himself. He enlarged the pens, built runways, set up the wiring. Wiring is a special problem and the league set aside \$100 to provide extra wire for the pens. But Jimmy scrounged the extra wire and saved the league its \$100. Jimmy now has an additional 100 birds.

Before birds are released they are banded with a regulation aluminum band typed "Notify game farm, Saskatoon, Sask." Jimmy asked if the inscription couldn't be changed to "P.A. Pen."

"We couldn't change the dies for 300 bands," said Mr. Carroll, "so Jimmy went to work on his own and each night scratched the words 'P.A. Pen' on each band."

LAKE SALMON

The kokanee salmon of British Columbia and the western United States spends its whole life in lakes.

Patterns

Lifelike roses



by Alice Brooks

Crochet roses in color — to decorate this most unusual doily! They stand up in lifelike form against their lovely background.

Pattern 7327: Color-crochet rose doilies in "3-D"! Larger, 22 inches in No. 30 mercerized cotton; smaller measures 13 inches.

To obtain this pattern send twenty-five cents in coins (stamps cannot be accepted) to:

Department P.P.L.,
Household Arts Department,
60 Front Street W., Toronto.
Be sure to write plainly your Name, Address and Pattern Number.

ORDER our 1955 Alice Brooks Needlecraft Catalogue. Enjoy pages and pages of exciting new designs — knitting, crochet, embroidery, iron-ons, toys and novelties! Send 25 cents for your copy of this wonderful book now. You'll want to order every design in it!

AMERICANS TALLEST WHITES

The tallest body of white people in the world are the Americans. Estimates show that the average height is increasing at the rate of one inch every 15 years.

Date-Orange Pudding

Combine in a greased casserole (6-cup size) ¼ c. corn syrup, 1 tbs. grated lemon rind and ½ c. orange juice. Preheat oven to 375° (moderately hot). Mix and sift once, then sift into a bowl, 1½ c. once-sifted pastry flour (or 1½ c. once-sifted all-purpose flour), 2½ tps. Magic Baking Powder, ½ tsp. salt and ¼ c. fine granulated sugar. Mix in ¾ c. corn flakes, slightly crushed, and ½ c. cut-up pitted dates. Combine 1 well-beaten egg, ½ c. milk, ½ tsp. vanilla and 3 tbs. shortening, melted. Make a well in dry ingredients and add liquids; mix lightly. Turn into prepared dish. Bake in preheated oven, about 40 minutes. Serve warm, with pouring cream. Yield—6 servings.



Always Dependable

—By Les Carroll

THE TILLERS



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CANADA'S health

GOBBLE AND GULP LUNCH

Gobbling a sandwich and gulping down a cup of coffee then getting back on the job, is no program for the busy person. Such procedure means that the lack of a good balanced meal may lead to a form of malnutrition, and a breakdown of resistance to fatigue, colds and any other ills going around. The sensible meal is one that supplies the necessary proteins, minerals and vitamins, topped off with a walk in the fresh air, even if it means only a block long walk to aid digestion and to ward off that tired feeling in the afternoon.

ONE MAN'S OPINION

The man who, having turned forty years of age, considers he is in perfect health, would be well advised to make sure his opinion is shared by his doctor. After that age it may be necessary to slow down any very strenuous exercise or athletics, not because of any present impairment in health but to en-

sure that he isn't overdoing things that might lessen his good physical condition.

COLD WAR

Declaring war on colds this fall should help to prevent them from increasing the absentee list in schools, offices and factories. One of the greatest offenders in the spreading of colds is the person who coughs and sneezes without covering his nose and mouth with a disposable tissue, thus spreading his cold germs on people around him. Colds are very easily caught in this way. Another good precaution is to wear rubbers and avoid wet cold feet during damp weather. Eating a balanced diet will help to build up a resistance to colds and quite a few other diseases.

DROWNING IN THE CRIB

A baby's crib seems an unlikely place in which an infant could drown but it is possible if the child is left to take his meal from a feeding bottle propped up against his face. The liquid may fill his mouth and lungs and so cause the child's death. It is better for the baby to be held during his meal but he should never be left alone even for a minute while he has his bottle.

SO FULLY PACKED

The egg is, for its size, a very well packed little package of food. Phosphorus, calcium, iron, fat, protein and vitamin A are all present within that small shell, and all are necessary to health. At least three times a week, the diet should contain an egg—served in any way most enjoyable to the individual.

DON'T NEGLECT A SCRATCH

Even a small scratch may become dangerous if it is neglected and allowed to become infected. Any wound should receive treatment as soon as possible; cleansed of dirt and covered with a sterile dressing, it will have a chance to heal normally. Handy little readymade sterile dressings can be used for minor cuts and burns and make a useful addition to the kitchen first aid kit. Every home, office, cottage, or car should be equipped with a first aid kit to meet the emergencies that so often happen in these places.

GREATER PRODUCTION EFFICIENCY

Disease losses are costly. Experiences of the Veterinary Services Branch through field investigations and case histories of specimens submitted to the laboratory often show that the losses are frequently unnecessarily high. For example, one swine man had approximately 60 market weight pigs die of erysipelas before he did anything about finding out the cause of the disease. With an early diagnosis and prompt treatment with present day drugs, the loss shouldn't have been more than two or three at the most.

In another case three years ago, a feedlot operator had 15 head die before calling his veterinarian to find out the cause. It was simple blackleg and vaccination early could have prevented most of the loss. Blackleg can even be treated now when the cases are found early.

Poultrymen have been known to bring in the last of their living chicks to find out what caused the death of all the others. Also, it has occurred several times that mink ranchers have

"hoped" that their mink didn't have distemper. Before they knew it, half the animals or more were sick, resulting in heavy losses. An early diagnosis and immediate vaccination could have prevented a heavy loss.

These cases may sound extreme, but they do occur and are very discouraging especially when it is known that the heavy losses could have been drastically reduced by modern veterinary science.

Veterinary science through practitioners and the laboratory can provide an accurate diag-

nosis which is essential to using the correct drugs for the disease concerned. Working hand in hand with the livestock man, the poultry man, the nutritionist, the district agriculturist and others, the veterinarian can help greatly to reduce disease losses and provide greater production efficiency.

There's no substitute for a top quality product.

The average monthly bill for electricity for home use varies from \$3.92 in Ottawa to \$20.97 in Le Pas, Manitoba.

Spotlight HEALTH

Morning Weariness and Thyroid Deficiency

People who feel fatigued when arising in the morning after a sound sleep, and then slowly recover stamina during the day and feel brightest and most energetic when it's time to return to bed at night, may be suffering from a mild thyroid deficiency described by doctors as "the hypometabolic state."

Some of these people chronically complain of vague aches and pains, and have been labeled unjustly as hypochondriacs, neurotics, or anxiety personalities.

Actually the chemical processes in their bodies which convert food into energy are operating at a snail's pace. Doctors believe that the slowdown results from a shortage of thyroid hormone in body tissues.

Other commonly encountered symptoms indicating this form of hypothyroidism may be an intolerance to cold, brittle nails, dry skin, lack of perspiration and, in women, menstrual disorders.

In a seven year study conducted by Dr. B. A. Watson of Clifton Springs, N. Y., published recently in the New York State Journal of Medicine, it was found that women are much more prone to this state than men, and also that its incidence increases with age.

Of almost 15,000 patients admitted for various complaints to the Clifton Springs Clinic and Sanitarium, Dr. Watson found that more than 200 were suffering from the hypometabolic state. The highest rate was among patients in their forties and fifties. In Dr. Watson's opinion: "Physicians should consider the diagnosis of hypometabolic state before labeling a chronically complaining patient as a psychoneurotic, hypochondriac, anxiety state, etc."

The investigation confirmed the growing belief that a subnormal



metabolic rate is not the only indication of thyroid deficiency as had been generally assumed. The morning tiredness, aches and pains were much more reliable signs of the condition. Trial treatment with dried thyroid given orally was found to be a reliable method of diagnosis. If the symptoms disappeared, the hypometabolic state was presumed present.

Continued treatment with dried thyroid, or with a purified thyroid extract in tablet form called Proloid, produced lasting improvement in a majority of patients, restoring a feeling of complete well-being in very many. As a test, treatment was discontinued temporarily in a few patients. Their symptoms returned almost immediately, but were controlled again when treatment was resumed.

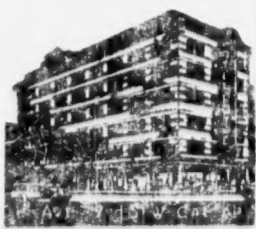


—Imperial Oil photo.

Six weekly newspapers were among a selection of Canadian publications placed in the cornerstone of Imperial Oil's new 19-storey office building in Toronto. Here G. L. Stewart (left), chairman of Imperial's board of directors, and J. R. White, company president, examine one of the weeklies before placing them in the copper box which was hermetically sealed and deposited in a special cavity in the three-ton cornerstone. Mr. Stewart laid the stone September 8, the 75th anniversary of the company's formation. The newspapers were part of a collection of Canadiana intended to inform some future generation about Canadian living habits in 1955. Another item was a "microfilm scrapbook" of some 150 clippings from various Canadian newspapers. Weekly newspapers chosen to be preserved in the cornerstone were the 1954 winners of Canadian Weekly Newspaper Association awards as best weeklies in their divisions.

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NOTICE TO CATTLE BREEDERS

Referring to Section 2 of the Regulations for Brucellosis (Bangs) Restricted Areas Under Live Stock Diseases Act:

The Agricultural Service Board of the Municipal District of Kneehill No. 48 has passed a resolution to raise the vaccination for all heifer calves from 4 to 13 months inclusive, instead of 4 to 9 months as was the previous regulation.

Purebred breeders or those who may be exporting to the U.S.A. should have their calves vaccinated at 6, 7, or 8 months of age so that they are classified as "Official Vaccinates" for export and show purposes, and can go across the line up to 22 months after vaccination without a blood test.

The Agricultural Service Board, The Municipal District of Kneehill No. 48, Three Hills, Alberta.

THE FOUR GENTLEMEN



The old songs everybody knows and loves are sung by The Four Gentlemen on CBC Trans-Canada each Monday evening. The Gentlemen are, seated, Alan Sawyer, (left) tenor and John Harcourt, bass; Jack Reid, (top left) tenor and Earnest Berry, baritone. The men sing, in closely-woven harmony, a great variety of songs, including hymns, spirituals, chants, gay-nineties numbers, folk songs and marching songs.